

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

I the below-named inventor, hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first, and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **SERIES ARRANGEMENT FOR FORMING LAYERED FIBROUS MAT OF DIFFERING FIBERS AND CONTROLLED SURFACES** Specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to the examination of this application in accordance with Title 37, code of Federal Regulations, Section 1.56 (a).

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Philip B. Poslter, Reg. NO. 16,554, Frederick M. Woodruff, Reg. No. 15,301, J. Philip Polster, Reg. NO. 24,739, Lionel L. Lucchesi, Reg. No. 25,891, William G. Bruns, Reg. No. 19,541, and Edward A. Boechenstein, Reg. No. 22,986, Willaim B. Cunningham, Jr., Reg. No. 26,155, Gregory E. Upchurch, Reg. No. 28,482, Ralph B. Brick, Reg. No. 17,444, Michael Kovac, Reg. No. 22,140, J. Joseph Muller, Reg. No. 28,450, Richard J. Sher, Reg. No. 27,282, Jonathan P. Soifer, Reg. No. 34,932, and Ned W. Randle, Reg. No. 35,989.

Direct all telephone call to Ralph B. Brick at Telephone no. (502) 895-4672.

Address all correspondence to Polster, Lieder, Woodruff & Lucchesi, 763 South New Ballas Road, Suite 160, St. Louis, Missouri 63141.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the applications or any patent issued thereon.

FULL NAME OF INVENTOR:

Kyung-Ju Choi

INVENTOR'S SIGNATURE:

Kyung-Ju Choi

DATE: Dec. 19, 2001

COUNTY/STATE OF RESIDENCE:

County of Jefferson
State of Kentucky

CITIZENSHIP:

United States

POST OFFICE ADDRESS:

8406 Running Spring Drive
Louisville, KY 40241



UNITED STATES
PATENT AND
TRADEMARK OFFICE

DN 8068
M.B. Spacer
Series

MAY 08, 2002

POLSTER, LIEDER,
WOODRUFF & LUCCHESI

Commissioner for Trademarks
Arlington, VA 22202-3513
www.uspto.gov

PTAS

MAY 14 2002

POLSTER, LIEDER, WOODRUFF ET AL.
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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/26/2002

REEL/FRAME: 012667/0966
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
CHOI, KYUNG-JU

DOC DATE: 12/20/2001

ASSIGNEE:
AAF MCQUAY, INC.
10300 ORMSBY PARK PLACE, #600
LOUISVILLE, KENTUCKY 40220

SERIAL NUMBER: 10028189
PATENT NUMBER:

FILING DATE: 12/20/2001
ISSUE DATE:

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

03-18-2002



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To the Honorable Commissioner of Patents

102019089

Send original documents or copy thereof.

1. Name of conveying party(ies):

Kyung-Ju Choi
6406 Running Spring Drive
Louisville, KY 40241

Additional names(s) of conveying party(ies)

☐ Yes ☐ No

2/26/02

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 12/20/01

2. Name and address of receiving party(ies):

Name: AAF McQUAY, INC.

Internal Address: 10300 Ormsby Park Place, #600
Louisville, KY 40220

Street Address: 10300 ORmsby Park Place, #600
Louisville, KY 40220

City: Louisville State: KY ZIP: 40220

Additional name(s) & address(es)

☐ Yes ☐ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

10/028189

B. Patent No.(s)

Additional numbers

☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Polster, Lieder, Woodruff & Lucchesi

Internal Address: Ralph B. Brick

2303 Tuckaho Road

Louisville, KY 40207

Street Address: 763 S. New Ballas Road

City: St. Louis State: MO ZIP: 63141

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$ 40.00

- ☒ Enclosed Credit Card Payment Form
☐ Authorized to be charged to deposit account

8. Deposit account number:

16-2201

(Attach duplicate copy of this page if paying by deposit account)

03/18/2002 DBYRNE 00000013 10028189

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Ralph B. Brick

Name of Person Signing

Signature

Date

4

Total number of pages including cover sheet, attachments, and

Credit Card Payment Form 40.00

ASSIGNMENT

WHEREAS, I, Kyung-Ju Choi a citizen of the United States, resident of the County of Jefferson, State of Kentucky, whose post office address is 8406 Running Spring Drive, Louisville, Kentucky, 40241, have invented certain new and useful improvements in a SERIES ARRANGEMENT FOR FORMING LAYERED FIBROUS MAT OF DIFFERING FIBERS AND CONTROLLED SURFACES of which application for Letters of Patent of the United States, identified as Serial No. 10/028189 was filed in the United States Patent and Trademark Office on 12/20/01.

AND WHEREAS, AAF-McQUAY INC., a corporation, with offices at 10300 Ormsby Park Place, #600, Louisville, Kentucky, 40220, is desirous of acquiring the entire right, title and interest in and to said improvements in an SERIES ARRANGEMENT FOR FORMING LAYERED FIBROUS MAT OF DIFFERING FIBERS AND CONTROLLED SURFACES and all patent rights therefore;

NOW, THEREFORE, in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, transfer and set over unto said AAF-McQUAY, the entire right, title and interest in and to said improvements, and in and to all Letters Patent and patent rights which may be granted or issued for said improvements, in the United States and all foreign countries, and any reissue or extension thereof, the same to be held and enjoyed by said AAF-McQUAY, a corporation, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this Assignment and sale had not been made; and I agree to execute such further

applications, powers of attorney, assignments and other documents as may be necessary or desirable to effectuate this Agreement.

AND I DO HEREBY authorize and request the commissioner of Patents and Trademarks to issue the said Letters Patent, when granted, to the said AAF-McQUAY, a corporation, its successors and assigns, as assignee of the entire right, title and interest in and to the said improvements, for the sole use and behoof of said AAF-McQUAY, and for its successors and assigns, to the full ends of the terms for which Letters Patent may be granted.

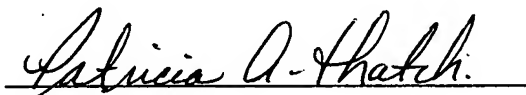
AND I further grant to AAF-McQUAY, its successors and assigns, the right to claim for any application for patent for said improvements the full benefit of any international agreement between the United States and any foreign country or countries.

EXECUTED and delivered on this 20 day of December, 2001.


Kyung-Ju Choi

STATE OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

On this 20 day of December, 2001, before me, a Notary Public, personally appeared Kyung-Ju Choi to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and purposes therein mentioned, as his own free act and deed.


Notary Public

My commission expires: Nov: 30, 2004